

CLAIMS

1 Fluorine type adhesive resin composition consists of (A) at least one fluorine type resin and (B') at least one chemically denatured fluorine type resin obtained by partial dehydrogenfluoride reaction and oxidation reaction, a weight ratio of A/B' being 30/70 to 99/1.

2 The fluorine type adhesive resin composition set forth in claim 1, wherein said fluorine type resin (A) is homopolymer of vinylidene fluoride.

3 The fluorine type adhesive resin composition set forth in claim 1, wherein said fluorine type resin (A) is a copolymer of vinylidene fluoride and at least one monomer selected from a group consisting of tetrafluoroethylene, hexafluoropropylene, trifluoroethylene and trifluorochloroethylene, a proportion of the vinylidene fluoride in the said copolymer being 50 to 98 % by weight.

4 The fluorine type adhesive resin composition set forth in claim 1, wherein said fluorine type resin (A) is a mixture of 1 to 99 % by weight of the homopolymer of vinylidene fluoride and 99 to 1 % by weight of said copolymer of vinylidene fluoride set forth in claim 3.

5 The fluorine type adhesive resin composition set forth in any one of claims 1 to 4, wherein said chemically denatured fluorine type resin (B') is a resin obtained by partial dehydrogenfluoride and oxidation reactions of the homopolymer of vinylidene fluoride.

6 The fluorine type adhesive resin composition set forth in any one of claims 1 to 4, wherein said chemically denatured fluorine type resin (B') is a resin obtained by partial dehydrogenfluoride and oxidation reactions of the copolymer of vinylidene fluoride and at least one monomer selected from a group consisting of tetrafluoroethylene, hexafluoropropylene, trifluoroethylene and trifluorochloroethylene, a proportion of the vinylidene fluoride in the said copolymer being 50 to 98 % by weight.

7 A solution of at least one fluorine type resin (A) and at least one chemically denatured fluorine type resin (B') dissolved in organic solvent, a weight ratio of (A/B') being 30/70 to 99/1 and the total amount of A + B' being 0.1 to 50 % by weight in said solution.

8 Dispersion or emulsion obtained by dispersing or emulsifying at least one fluorine type resin (A) and at least one chemically denatured fluorine type resin (B') obtained by partial dehydrogenfluoride reaction and oxidation reaction, a weight ratio of A/B' being 30/70 to 99/1, the total amount of A + B' being 1 to 70 % by weight in said Dispersion or emulsion.

9 An electrode for battery having a current collector on a surface of which a layer of electrode-constructing material comprising at least one electrode active material and a binder is deposited, characterized in that said binder is the fluorine type adhesive resin composition set forth in any one of claims 1 to 6.